

# eSYNiC® WiFi-Repeater

## User Manual

Quick Installation Guide(Q.I.G.)



WPS REV.3.2

### Introduction :

The eSYNiC Wi-Fi Repeater boosts your Wi-Fi signal and extends the range of your wireless network to areas of your home that previously had little or no signal.

Extend Network-Extend Internet access throughout your home for wireless devices like iPads ,laptops ,smart phones ,game consoles and TVs.

Enhance Existing Equipment -keep your current equipment and improve coverage to eliminate wireless "dead zones".



### Package Contents

Before you starting to use this repeater, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

- 1 x Wireless-N Repeater
- 1 x RJ-45 Networking Cable
- 1 x Quick installation Guide

**NOTE:** If you need to **reset** the Wi-Fi Repeater, you need press and hold the reset button inside the tiny hole for **10** seconds till all the LED indicator reflash

### INSTALLATION

The latest eSYNiC wifi Repeater Support TWO typical Mode ,Wireless Repeater mode and Wireless AP mode ,You can select the proper mode depends on your network environment

### Wireless Repeater Mode

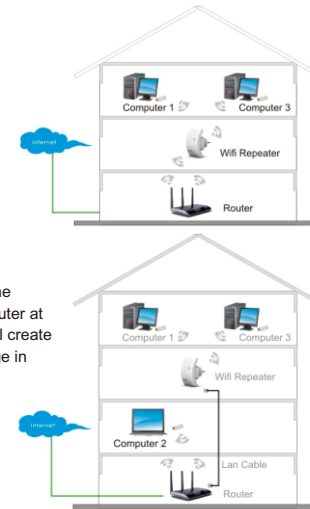
In the wireless repeater mode ,the eSYNiC wifi Repeater will expend the wifi coverage of your current wifi network and enhance the strength of the wifi signal . No any wired connection required to your Router or broadband ,extend the wifi signal wirelessly .

### Wireless AP Mode

This AP model is wireless Access Point (AP) in which it can convert signal into wireless wifi signals.

Application:

Connect the eSYNiC wifi repeater to the wired broadband interface (or wired router at home)with RJ45 network cable,you will create a new wifi hot port,and full wifi coverage in your home



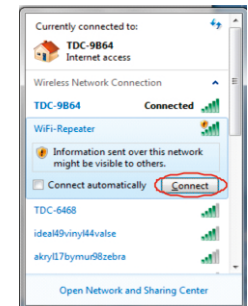
### How to configure the Wi-Fi Repeater

You can configure the sSYNiC wifi Repeater via RJ45 network cable included Or wirelessly on your PC/Laptop

### A. Configure the Repeater Mode wirelessly.

**A1.** Plug the Wi-Fi Repeater to a wall socket.

**A2.** Click the network icon ( ) or ( ) on the right bottom of your desktop ,You will find the signal from the eSYNiC Repeater .Click on "Connect" and wait for a few seconds



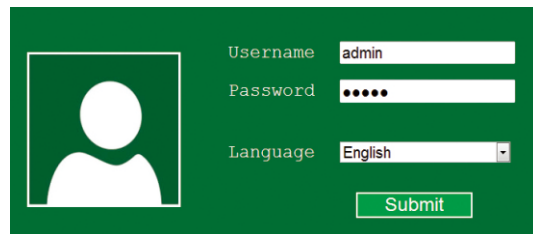
**A3.**Open the web browser and type the Default IP address <http://192.168.10.1> in the address bar,the default IP address for this eSYNiC wifi Repeater is **192.168.10.1** ,and then press Enter to continue.For better compatibility,we recommend using the Microsoft IE browser .



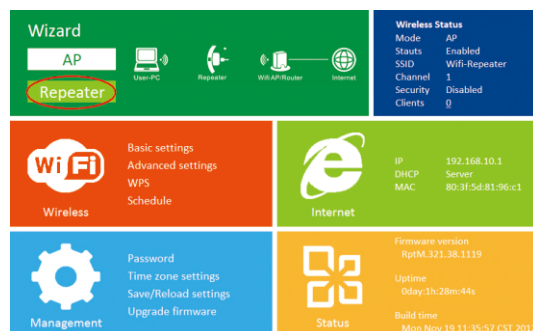
**Note:**

If you can NOT Load the management page <http://192.168.10.1> on your browser .PLS hold the reset button for 5-8 seconds until all LED indicators re-flash ,then remove the eSYNiC wifi repeater from power socket and retry step A1 to A3 again .

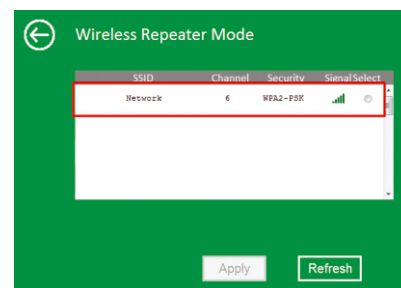
**A4.** Type the username and password in the login page,the default username and password are both **admin**.Click Submit button to continue.



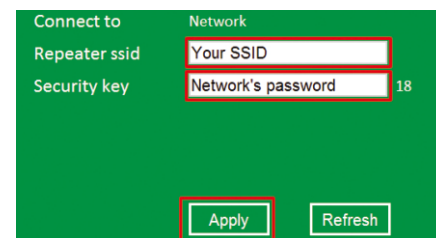
**A5.** After logging in the management page,PLS select the Repeater mode, Click on the **Repeater** Button to continue.



**A6.** Select your current wireless router SSID to continue,if you can not find your wifi router,PLSrefresh and try it again.



**A7.** When you get the page below, please do NOT change the repeater SSID,just input your current wifi security key and continue



Click on '**Apply**' button, The Repeater will restart. Wait for a few seconds,your Wi-Fi Repeater is ready for use.

\*We suggest that your current wifi Security Key should not included strange symbol such as \$ \* & ^,it might lead to a fail configuration,Character and Number recommended.

**A8.**Wireless Repeater mode configure successfully



\*The default wireless SSID and Security key of Wi-Fi Repeater is same as your AP/router after successful installation.

\* The Management Page will be locked after you successful configuration,You can NOT login the management page via the <http://192.168.10.1> , If you want to login the management page again,PLS hold the reset button for 8-10 seconds to make all setting become factory default setting .and reconfiguration the wifi repeater again.

### B. Configure the repeater mode with Rj45 Cable.

1. Plug the eSYNiC wifi Repeater to a wall socket. Connect the repeater to your PC/Laptop via RJ45 network cable included.

2. Follow process **A3** to **A8** to configure your Wi-Fi Repeater.

### C. Configure the Wireless AP Mode.

1. Plug the Wi-Fi Repeater into a wall socket.

2. Follow process A3 to A4.

3. Click on 'AP' to continue.



4.The following message will be displayed on your web browser:

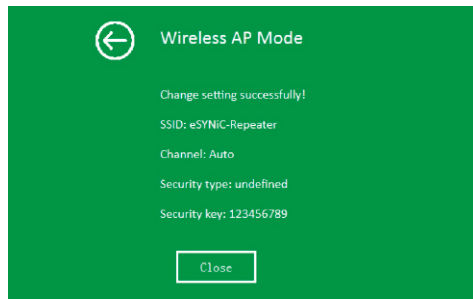


展开尺寸:360 x 240 mm  
成品尺寸:120 x 90 mm

SSID	the <b>"SSID"</b> of your wireless network.
Channel	Auto ( <b>recommend</b> )
Security type	Setup the wireless security and encryption to prevent from unauthorized access and monitoring. Supports 64/128-bit WEP, WPA, WPA2, WPA/WPA2 encryption methods.
Security key	the "Password" of your wireless network.

We suggest that the wifi security key should not included strange symbol such as \$ \* & ^, it may be lead to a fail configuration, character and Number are recommended.

5. Click on **"Apply"** button, The Repeater will restart.



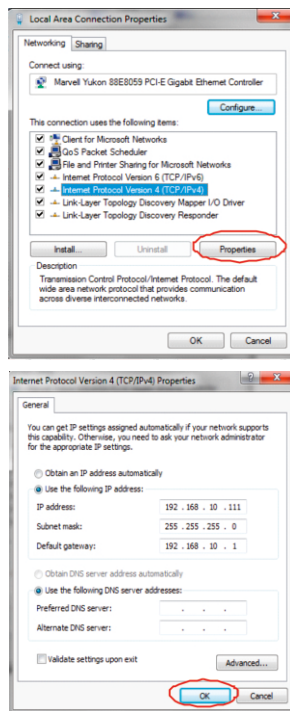
6. AP mode configure successfully, PLS connect your wifi Repeater to your router via RJ45 Cable, AP mode is ready for use.

\*The Management Page will be locked after you successful configuration for Repeater OR AP mode, You can NOT Login the management page via the <http://192.168.10.1> on web browser, you need to fix your PC Network IP address to login to the management name or reset the wifi repeater again via reset Button

## How to configure your computer/laptop with the Network IP Address

1. Log on to the computer.

2. Click the **"Start"** button (it should be located at the lower-left corner of your screen), then click **"Control Panel"**. Click **"View Network Status and Tasks"**, and then click **"Manage Network Connections"**. Right-click **"Local Area Network"**, then select **"Properties"**. When the **"Local Area Connection Properties"** window appears, select **"Internet Protocol Version 4 (TCP/IPv4)"** and then click **"Properties"**.



3. Setting IP address manually: Type IP address is **192.168.10.x (x is from 2 to 254)**, and Subnet mask is **255.255.255.0**. Type the Router's LAN IP address (the default IP is **192.168.10.1**) into the Default gateway field.

4. IP address fixed now, PLS connect to your wifi repeater and login the management page via 192.168.10.1

PLS never forget to restore your PC IP address into automatically after Finish your repeater setting

## Configuring via Web Browser

### Wireless Base Configuration Repeater Modde

In Repeater mode and click **"Wireless-> Basic Settings"** located at the web management interface, the following message will be displayed on your web browser:

<b>Wireless settings</b> Basic settings Setup wireless basic configuration Advanced settings Wireless advanced configuration WPS Wi-Fi protected setup Schedule Wireless schedule Back Back to home page	<b>Basic settings</b> Wireless Enable: Enabled/Disable SSID: WiFi-Repeater Channel: Auto Security type: WPA2 PSK WPA2 encryption: <input type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES Security key: ***** Apply
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Wireless Enable	Wireless On/Off
Delete	Remove the repeater connection profile
Repeater ssid	the "SSID" of your repeater wireless network.
Security type	Setup the repeater ssid security type.
Security key	the "Password" of your repeater wireless network.

Click **"Apply"** button, The WiFi Repeater will restart.

\*We suggest that the wifi Security Key should not included strange symbol such as \$ \* & ^, it might lead to a fail configuration, Character and Number recommended.

## Wireless Base Configuration – AP Mode

In AP mode and click **"Wireless -> Basic Settings"** located at the web management interface, the following message will be displayed on your web browser:

<b>Wireless settings</b> Basic settings Setup wireless basic configuration Advanced settings Wireless advanced configuration WPS Wi-Fi protected setup Schedule Wireless schedule Back Back to home page	<b>Basic settings</b> Wireless Enable: Enabled/Disable SSID: WiFi-Repeater Channel: Auto Security type: Disable Apply
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Wireless Enable	Wireless On/Off
SSID	the <b>"SSID"</b> of your wireless network.
Channel	Auto ( <b>recommend</b> )
Security type	Setup the wireless security and encryption to prevent from unauthorized access and monitoring. Supports 64/128-bit WEP, WPA, WPA2, WPA/WPA2 encryption methods.
Security key	the "Password" of your wireless network.

Click **"Apply"** button, The WiFi Repeater will restart.

\*We suggest that the wifi Security Key should not included strange symbol such as \$ \* & ^, it might lead to a fail configuration, Character and Number recommended.

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### Change Management password

Default password of Wireless Router is **"admin"**, and it's displayed on the login prompt when accessed from web browser. There's a security risk if you don't change the default password, since everyone can see it. This is very important when you have wireless function enabled.

To change password, please follow the following instructions:  
Please click **'Management -> Password'** menu on the web management interface, the following message will be displayed on your web browser:

If you want to keep original password unchanged, click **'Cancel'**.

Click **'Apply'** button, The WiFi Repeater will log off.

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### Firmware Upgrade

The system software used by this router is called as 'firmware', just like any applications on your computer, when you replace the old application with a new one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.

Please click **'Management-> Upgrade Firmware'** located at the web management interface, and then the following message will be displayed on your web browser:

Click **'Browse'** or **'Choose File'** button first; you'll be prompted to provide the file name of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.

After a firmware upgrade file is selected, click **'Upload'** button, and the router will start firmware upgrade procedure automatically.  
The procedure may take several minutes, please be patient.

**NOTE:** Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from router. If the firmware you uploaded is corrupt, the firmware upgrade will fail, and you may have to return this router to the dealer of purchase to ask for help. (Warranty voids if you interrupted the upgrade procedure).

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### Factory Default and Settings Backup , Restore

You can backup all Setting of this router to a file, so you can make several copied of router configuration for security reason.

To backup or restore router setting, please follow the following instructions:  
Please click **'Save/Reload setting'** located at the web management interface, then the following message will be displayed on your web browser:

Save Settings	Press <b>'Save...'</b> button, you can please save it as another filename for different versions, and keep it in a safe place.
Load Settings	Press <b>'Browse...'</b> to pick a previously-saved configuration file from your computer, and then click <b>'Upload...'</b> . After the configuration is uploaded, the router's configuration will be replaced by the file you just uploaded.
Reset Settings	Click this <b>'Load default'</b> button to remove all settings

#### WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

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## Connect your comnputer/laptop to the Wi-Fi Repeater via WPA function

The WPS will only work with the wifi device that support WPS ,PLS have a check your network device before using the WPS function .

### Adding a Wireless computers to the WiFi-Repeater with WPS Button

- Log on to the computer.
- Press the **WPS** button of the WiFi Repeater directly for **2 - 3** seconds.
- Press the WPS button of the Wireless Adapter directly for **2 - 3** seconds. Click Finish to complete the WPS configuration. (**Please check your Wireless adapter Manual with WPS configuration**)
- You should see icons for the computer you added and for the other computers and devices that are part of the network.

### Adding a wired (Ethernet) computer to the WiFi-Repeater

- Plug the Wi-Fi Repeater to a wall socket. Connect your computer / laptop with the Wi-Fi Repeater with enclosed RJ45 Cable.
- To confirm that you added the computer, do the following:  
Open Network by clicking the **Start** button , and then clicking **Control Panel**. In the search box, type **network**, and then, under Network and Sharing Center, click **View network computers and devices**. You should see icons for the computer you added and for the other computers and devices that are part of the network.

#### For more information:

<http://windows.microsoft.com/en-US/windows7/Add-a-device-or-computer-to-a-network>  
<http://windows.microsoft.com/en-US/windows7/Setting-up-a-wireless-network>  
<http://windows.microsoft.com/en-US/windows-vista/Setting-up-a-wireless-network>

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## 13 — eSYNiC - Wifi Repeater



## 14 — eSYNiC - Wifi Repeater



## 15 — eSYNiC - Wifi Repeater

